

1. BREAK AWAY ONLY ENOUGH DRYWALL TO ALLOW FOR INSTALLATION OF WIRING AND GROUNDING PLATE. BOTTOM OF 12"x12" PLATE AT 6"-10" AFF.
2. SCRAPE OR GRIND SURFACE OF COLUMN DOWN TO BARE METAL ON AREA WHERE GROUNDING PLATE IS TO BE ATTACHED.
3. DRILL PLATE IN 4 LOCATIONS TO ACCEPT 1/2" BURNHOY OR APPROVED EQUAL DURHAM-SILCOX BRONZE NUT AND STUD. COUNTERSINK DRILLED HOLE TO ACCEPT STUD WELDED TO COLUMN.
4. COAT COLUMN OVER AREA WHERE GROUNDING PLATE IS TO BE ATTACHED WITH PENETROX-A* OR APPROVED EQUAL CONDUCTIVE OXIDE INHIBITOR COMPOUND.
5. EXOTHERMICALLY WELD STUDS TO COLUMN. ATTACH PLATE. EXOTHERMICALLY WELD NUTS TO PLATE.
6. CONNECT GROUND LUGS TO PLATE AS SHOWN ELSEWHERE ON THIS DRAWING.

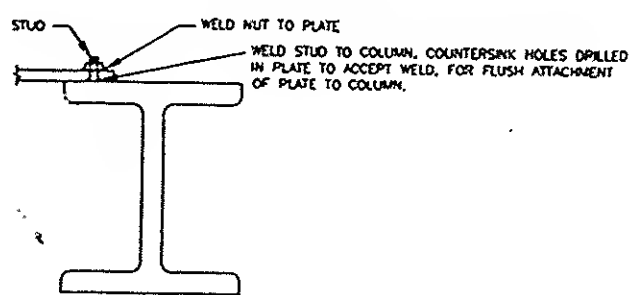
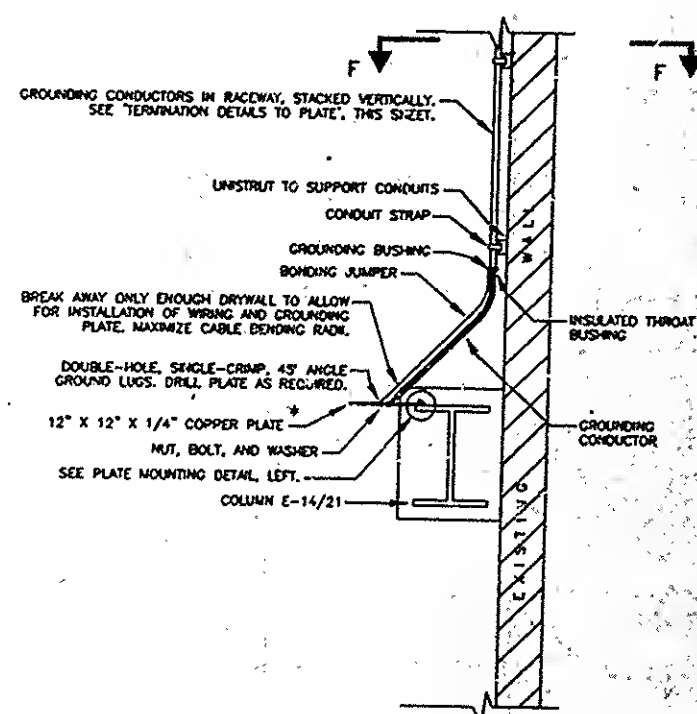


PLATE MOUNTING DETAIL
(NOT TO SCALE)



* EXOTHERMICALLY CONNECT 4 BRASS STUDS TO COLUMN E-14/21 FOR INSTALLATION OF PLATE. SEE "PLATE MOUNTING DETAIL", LEFT.

GROUNDING PLATE/TERMINATIONS AT COLUMN E-14/21
(NOT TO SCALE)

TERMINATION DETAILS TO PLATE

EQUIPMENT	GROUND *	APPLETON OR APPROVED EQUAL GROUNDING BUSHING	BONDING JUMPER *	BURNHOY OR APPROVED EQUAL 45° GROUNDING LUG #	BURNHOY OR APPROVED EQUAL 45° JUMPER LUG #
UPS	1-1/2 #1/0 IN 3/4"	CB-75L-10	1-1/2 #1/0	YAZSL-2TC38-45	YAZSL-2TC38-45
FENCE	1-1/2 #2 IN 3/4"	CB-75L-10	1-1/2 #4	YAZCL-2TC38-45	YAZCL-2TC38-45
FENCE AND GATE	1-1/2 #2 IN 3/4"	CB-75L-10	1-1/2 #4	YAZCL-2TC38-45	YAZCL-2TC38-45
TRANSFORMER	1-1/2 #2 IN 3/4"	CB-75L-10	1-1/2 #4	YAZCL-2TC38-45	YAZCL-2TC38-45
ANTENNA GROUNDING PLATE	1-1/2 #4/0 IN 1"	CB-100L-10	1-1/2 #2/0	YAZSL-2TC38-45	YAZSL-2TC38-45
CABLE TRAY	1-1/2 #1/0 BARE	-	-	YAZSL-2TC38-45	-

NOTE: ALL CONDUITS GRS IN MECHANICAL EQUIPMENT ROOM.
ALL GROUNDING CONDUCTORS SHALL BE GREEN INSULATED.

TERMINATE LUGS WITH HARDWARE AS DESCRIBED IN VIEW "C", DRAWING C-205.